

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9667	surface acoustic wave or bulk acoustic wave or (saw and acoustic) or fbar or (tfr and acoustic) or film bulk acoustic	USPAT	ADJ	ON	2007/09/24 14:14
L2	6521	L1 and filter	USPAT	ADJ	ON	2007/09/24 14:15
L3	2261	L2 and (duplex\$4 or diplex\$4 or multiplex\$4)	USPAT	ADJ	ON	2007/09/24 14:15
L4	782	L3 not switch\$4	USPAT	ADJ	ON	2007/09/24 14:15
L5	79	L4 and (front end or frontend)	USPAT	ADJ	ON	2007/09/24 14:20
L6	217	L2 and (multiband or multi band or multiple band)	USPAT	ADJ	ON	2007/09/24 14:21
L7	39	L6 not switch\$4	USPAT	ADJ	ON	2007/09/24 14:23
L8	840	L2 and "455"/\$.ccls.	USPAT	ADJ	ON	2007/09/24 14:23
L9	82	L4 and "455"/\$.ccls.	USPAT	ADJ	ON	2007/09/24 14:26
L10	54	455/78.ccls. and acoustic	USPAT	ADJ	ON	2007/09/24 14:43
L11	219	"455"/\$.ccls. and acoustic and (dual band or multiband or multi band or multiple band)	USPAT	ADJ	ON	2007/09/24 15:17
L12	652	duplexer with (amplifier or lna or pa) with filter	USPAT	ADJ	ON	2007/09/24 15:18
L13	165	duplexer with (amplifier or lna or pa) with filter and acoustic	USPAT	ADJ	ON	2007/09/24 15:18

## WEST Search History

Hide Items

Restore

Clear

Cancel

DATE: Monday, September 24, 2007

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L29	20040140868	1
<input type="checkbox"/>	L28	10456173	1
<input type="checkbox"/>	L27	20050151600.pn.	1
		<i>DB=DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L26	((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) and (balanc\$4 or balun or symmetric\$4)	73
		<i>DB=EPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L25	((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) and (balanc\$4 or balun)	8
		<i>DB=JPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L24	((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) and (balanc\$4 or balun)	11
<input type="checkbox"/>	L23	L22 and band	119
<input type="checkbox"/>	L22	L21 and acoustic	247
<input type="checkbox"/>	L21	119 and (duplex\$4 or diplex\$4 or multiplex\$4 or branching)	434
<input type="checkbox"/>	L20	L19 and (multiband or multi band or multiple band or dual band)	17
<input type="checkbox"/>	L19	(surface acoustic wave or surface wave or elastic surface wave or acoustic wave or saw or surface elastic wave or elastic wave) or (((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw)))	25445
		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L18	('2096782' '4085405' '4095229' '4152705' '4268834' '4280129' '4490727' '4725845' '4829274' '4860024' '4862182' '4890114' '4958382' '5014346' '5048117' '5072230' '5089827' '5095541' '5111213' '5151708' '5170173' '5204687' '5386203')![pn]	23
<input type="checkbox"/>	L17	('5001776' '5179730' '5564099' '5590411' '5828955' '5918167' '6009126' '6029052' '6366622' '6397044' '6560448')![pn]	11
<input type="checkbox"/>	L16	('4792939' '5365207' '5786738' '5864260' '5905418' '6014571' '6483399')![pn]	7
<input type="checkbox"/>	L15	('5815804' '6380823' '6424238')![pn]	3
<input type="checkbox"/>	L14	('5768691' '6584304' '6721544' '6735426' '20020090974' '20020101907' '20030068998')![pn]	7
<input type="checkbox"/>	L13	('20020070262' '20020123177' '20030011446' '20030128081' '20040132487')![pn]	5
		('4091344' '4902992' '5386203' '6185434' '6597258' '6628178' '6662021'	

<input type="checkbox"/>	L12	'6667723'  '6694129'  '6694150'  '6724278'  '6759924')![pn]	12
<input type="checkbox"/>	L11	('4091344'  '4902992'  '5386203'  '6185434'  '6597258'  '6628178'  '6662021'  '6667723'  '6694129'  '6694150'  '6724278'  '6759924')![pn]	12
<input type="checkbox"/>	L10	('6016130'  '6172655'  '6359940'  '20030040292'  '20030069036')![pn]	5
<input type="checkbox"/>	L9	('2165794'  '2223049'  '2885677'  '3177430'  '4001832'  '4357608'  '4910481'  '4914714'  '4980660'  '5015973'  '5021756'  '5021801'  '5339454'  '5386203'  '5465410'  '5535432'  '5584056'  '5732330')![pn]	18
<input type="checkbox"/>	L8	('5386203'  '5652599'  '5815804'  '6249687'  '6662021'  '6694129'  '6724278'  '6759924'  '6845231'  '6911708'  '6980067'  '6995630')![pn]	12
<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L7	7126440.pn.	1
<input type="checkbox"/>	L6	7126440.pn.('5185589'  '6081171'  '6101371'  '6242843'  '20010052830')![pn]	0
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L5	('5185589'  '6081171'  '6101371'  '6242843'  '20010052830')![pn]	5
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L4	6862441.pn.	1
<input type="checkbox"/>	L3	4910481.pn.	1
<i>DB=JPAB; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L2	4910481.pn.	0
<input type="checkbox"/>	L1	5386203.pn.	0

END OF SEARCH HISTORY